5 Mega-Pixel CMOS BOX IP Camera

CAM6831EICR (W, PoE)

- 5 Mega-Pixel CMOS sensor
- H.264/ MJPEG/ MPEG4 Triple mode & streaming
- Support D-WDR / DNR, 8 steps manual shutter
- 15FPS @2592x1944
- Onvif Compliant
- Support SD card for event recording
- Support DC IRIS
- 2-way audio
- Digital I/O: 1 Digital in/ 1 Relay out
- 3GPP for monitoring via smart phone
- Embedded Wireless (CAM6831EICR-W)
- Embedded PoE (CAM6831EICR-PoE)
- Free 36CH recording software

Specification

Hardware

CPU/ RAM/ Flash	ARM Cortex A9/ 256MB/ 16MB
Image Sensor	1/3.2" CMOS, 5 Mega-Pixel
Lens	Fixed Lens 4.2mm, F1.6
Illumination	1 Lux
Day/ Night	Built-in Mechanism IR Cut Filter (ICR)
Lens Changeable	Yes, CS Mount
Support DC IRIS	Yes
Audio In	Built-in microphone / 3.5mm phone jack
Audio Out	1 Line out
Video Out	1 Analog video out (BNC connector)
Digital I/O	1 In / 1 Relay out
Power Supply	CAM6831EICR-W: DC 12V, 1A CAM6831EICR-PoE: Use PoE: PoE Injector (IEEE 802.3af) Or, use Power Adapter: DC 12V, 1A
Dimensions	W58 x H65 x D131.5 mm
Temperature	-10°C ~ 45°C

Network

Ethernet	10/ 100 Base-T
Wireless	802.11 b/g/n (CAM6831EICR-W) WEP,WPA-PSK,WPA2-PSK
Network Protocol	HTTP, HTTPS,TCP/IP, RTP/RTSP, UDP, 3GPP, NTP, SMTP, FTP, PPPoE, Samba, DHCP, DDNS, UPnP, SNMP, QoS/DSCP, IP Filter, IEEE802.1x, IPv4/IPv6

Client Requirements

OS	Windows XP / Vista / Win 7
Browser	IE7, IE8, FireFox, Safari, Chrome, Opera
Suggested	Intel Core 2 Duo 2.53GHz, RAM: 1GB Graphic card: 128MB onboard RAM

System

Video Resolution	2592x1944, 2048x1536, 1920x1080, 1280x720, 640x480, 320x240, 176x144
Compression Format	H.264 / MJPEG / MPEG4
Frame Rate	Up to 15 FPS @2592x1944
Video Bitrate Adjust	CBR, VBR
Triple Streaming	Yes
3GPP	Yes, Live view with smart phone
Video Adjust	Brightness, Contrast, Hue, Saturation, Sharpness, AGC, Manual shutter adjust, D-WDR, Night Mode, Flip, Mirror, Noise reduction, Exposure, Day & Night adjust
Motion Detection	Yes, 3 different areas
Privacy Mask	Yes, 3 different areas
Pre/ Post Alarm	Yes, configurable
Security	Password protection IP address filtering, HTTPS encrypted data transmission, IEEE802.1x port-based authertication, QoS/DSCP
Connection	Up to 10 clients simultaneously
Firmware Upgrade	HTTP mode, remotely
Audio	Yes, 2-way

Event System

Event Trigger	Motion Detection, Sensor In
Trigger Actions	Send Email, Send to FTP, Save to Samba HDD Save to SD Card, Relay Out

SD Card Management

Recording Trigger	Motion Detection, Digital In, IP Check, Network Disconnect
Video Format	Video (AVI), Snapshot (JPEG)
Schedule	Snapshot during schedule
Video Playback / Delete	Yes

Package List

Camera, Power Adapter (not included with PoE model), Ethernet Cable, Antenna(CAM6831EICR-W), Tool, CD-ROM, Quick Guide